Team ID	PNT2022TMID48154
Project Name	IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION

Python code:

```python
import json

import wiotp.sdk.device

import time

myConfig = {

    "identity":{

        "orgId":"2a6zb4",

        "typeId":"NodeMCU",

        "deviceId":"12345"

    },

    "auth": {

        "token":"12345678"

    },

}

client = wiotp.sdk.device.DeviceClient(config = myConfig, logHandlers = None)


client.connect()

while True:

        name="smartbridge"

        #out area location


        #latitude= 17.42225176

        #longitude= 78.5458842


        #out area location


        latitude= 17.42225176
```

```python
        longitude= 78.5458842

        myData={'name': name, 'lat':latitude, 'lon':longitude}

        client.publishEvent(eventId="status", msgFormat="json", data= myData, qos=0,
onPublish=None)

        print("Data published to IBM IoT platform:",myData)

        time.sleep(5)


client.disconnect()
```

Edit function node

Delete   Cancel   **Done**

⚙ **Properties**   ⚙ 📄 ⬚

🏷 Name | function | 📕▾

| ⚙ Setup | On Start | **On Message** | On Stop |

```
1    var name = msg.payload.name
2    var lat = msg.payload.lat
3    var lon = msg.payload.lon
4    global.set('latitude',lat)
5    global.set('longitude',lon)
6    global.set('name',name)
7    return msg;
```

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Edit function node

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⚙ **Properties**   ⚙ 📄 ⬜

🏷 Name | function | 📕▼

| ⚙ Setup | On Start | **On Message** | On Stop |

```
1   msg.payload = {
2       "name": global.get('name'),
3       "lat": global.get('latitude'),
4       "lon": global.get('longitude'),
5   };
6   return msg;
7
8
```

○ Enabled

Edit function node

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⚙ Properties | ⚙ 📄 ▣

Properties

🏷 Name | function | 📖 ▼

⚙ Setup | On Start | **On Message** | On Stop

```
1    var d = new Date();
2
3    var utc = d.getTime() + (d.getTimezoneOffset() * 60000);
4
5    var offset = 5.5;
6
7    const newDate = new Date(utc + (3600000 * offset));
8
9    msg.payload = {
10       "message": "Exit",
11       "Time": newDate.toLocaleString(),
12       "name": global.get('name'),
13       "lat": global.get('latitude'),
14       "lon": global.get('longitude'),
15   };
16   return msg;
17   return msg;
```

○ Enabled

Edit function node

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⚙ Properties

🏷 Name   `function`

| ⚙ Setup | On Start | **On Message** | On Stop |

```javascript
1   var d = new Date();
2
3   var utc = d.getTime() + (d.getTimezoneOffset() * 60000);
4
5   var offset = 5.5;
6
7   const newDate = new Date(utc + (3600000 * offset));
8
9   msg.payload = {
10      "message": "Exit",
11      "Time":newDate.toLocaleString(),
12      "name":global.get('name'),
13      "lat":global.get('latitude'),
14      "lon":global.get('longitude'),
15  };
16  return msg;
17
```

○ Enabled

Edit function node

Delete   Cancel   **Done**

⚙ **Properties**   ⚙ 📄 🔲

🏷 Name   function   📖▾

⚙ Setup   │   On Start   │   **On Message**   │   On Stop

```javascript
1   var d = new Date();
2
3   var utc = d.getTime() + (d.getTimezoneOffset() * 60000);
4
5   var offset = 5.5;
6
7   const newDate = new Date(utc + (3600000 * offset));
8
9   msg.payload = {
10      "message":"Entry",
11      "Time":newDate.toLocaleString(),
12      "name":global.get('name'),
13      "lat":global.get('latitude'),
14      "lon":global.get('longitude'),
15  };
16  return msg;
17
```

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